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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

50X1-HUM

COUNTRY Bulgaria REPORT [REDACTED]

SUBJECT A List of Products Manufactured by the Bulgarian Medical Industry DATE DISTR. 15 February 1960

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

[REDACTED] report is a list of products, (classified by pharmacological effect and medicinal application,) which are manufactured by the Bulgarian medical industry.

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STATE	X	ARMY	X	NAVY	X	AIR	X	NSA	X	FBI						
(Note: Washington distribution indicated by "X"; Field distribution by "#".)																

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1. Basic pharmaceutical products, Galenic products for prescription practice, dry nutrient products for microbiological purposes, dentistry preparations and first-aid materials are manufactured under the management of the so-called DIRECTION OF MEDICAL INDUSTRY (Upravlenie Meditsinska Promishlenost) which is subordinated to the Ministry of Public Health and Social Welfare. The primary purpose of said Medical Industry is to supply the local need for medicines. However, a good part of the entire output is shipped abroad by the state commercial enterprise "KHIMIMPORT" and at times these shipments are so large that a considerable number of the products listed below are not available on the local market. The USSR, Korea, China and other Asiatic countries are believed to be regular recipients of Bulgarian-made medical products.

2. Classified by pharmacological effect and medicinal application, the products manufactured by the Bulgarian Medical Industry are as follows:

ANALEPTICA:

Adrenalinum hydrochloricum	Oxytition
Coffeinum natrio-benzoicum	Ephedrinum hydrochloricum
Cola granulatum	Oleum camphratum
Corazol, Corazol-Ephedrin	Strychninum natrium sulfuricum
*Cordiamin	Vasoton (Sympatal)

ANALGETICA:

Amidophen	Morphinum hydrochloricum +
Analgin	Atropinum sulfuricum
Codeinum phosphoricum et purum	*Eveplex
Dihydromorphinum	Campon
Dicodal (Dicodid)	Procain
Dielan (dionin)	Scophedal
Lidolum	Scophedrin
Morphinum hydrochloricum	Vitamin B'

ANTACIDA:

Alumoxyl	Histidin
Alumoxyl cum Belladonna	Magnesium peroxidum
Carbo activatus	Natrium Bicarbonicum

ANESTHETICA:

Adrenalinum hydrochloricum	Papaverinum hydrochloricum
*Aescen	Scopolaminum hydrochloricum
Atropium sulfuricum	

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ANTIEMETICA:

Antianaemin	*Hepagastrat
Arsenferratal	Tedferrital
Biohaemoferrin	Natrium kakodilicum
Elixir tonicum	Strychnarsin
Extr. Hepatis	Strychnophospharsin
Extr. Hepatis compositum	Vinum chinase ferratum
*Ferrasin	Vinum iostannicum cum Malaga
Ferhepar	

ANTIARTHRITICA:

*Aciphen	Asiphenyl
Piperasin	Uridan

ANTIDIARRHOICA:

Albuminum tannicum	Calcium gluconicum
Bismutalumina	Carbo activatus
Calcium lacticum	Sulfaguanidin

ANTIMALARICA:

Chininum hydrobromicum	Natrium monomethylarsenicum (Arrhenal)
Chininum hydrochloricum	Chininum sulfuricum

ANTINEURALGICA ET ANTIRHEUMATICA:

Acetysal	Lait sterilis
*Acifemil + Acifen	Natr. salicylicum et natr. bicarbonicum
ACTH	Natr. salicylicum
Amidophen	*Pyramin
Amalgin	Pyraminal
Ascephen	Pyraphen
*Asphen	Terpichinol
Coffenal	Veriden (Veramon)
Diploval	"vitamin B"
Helijoun	

ANTIPYRETICA:

Acetysal	Atophen
Amidophen	Amalgin
Ascephen + Asphen	Chinin-calcium gluconat
Chinin hydrobromicum, etc.	Coffenal
Jeraxamin	Pyraphen

ANTISEPTICA: (Throat & Nasal passages)

Desinfestin	Paraformin
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ANTISEPTICA: (Gall Bladder passages)

Antibiotica	Hexaden
Cholestin	Hexamin (Uretropin)
Hexanitrol	Sulfonamida

ANTISEPTICA: (Urinary passages)

Antibiotica	Salitropin
Hexanitrol	Uretropin
Hexaden	Sulfonamida

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ANTIHYPEROTOXICA:Bijodthyrosin
Vitamin AVitamin B¹
Vitamin C

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CARDIOTONICA:Adinorn
Coffeium natrio-benzoicum
Corazol
DiginornGlucosa
Novphyllin
Strophantin G et KCHEMOTHERAPEUTICA - SULFONAMIDA
et ANTIBIOTICA:Biogenin
Emetinum hydrochloricum
Penicillinum G Kalium cryst.
*Procillin
Sulfathiazol
Sulfaguanidin
UltrasceptylBLOOD REPLACEMENTS:

Natrium chloratum

DIURETICA:Calcium chloratum
Calcium-theobrosal
Coffeinum natrio-benzoicum
Glucosa
Iod-Calcium-Theobrosal
Novphyllin
TheobrosalPHARMACOTHERAPY - APNOEA & DISPNOEA:Coffeinum natrio-benzoicum
Corazol, Corazol-Dicodal
Corazol-Ephedrin, Cardiamin
Phosphoratum
Oxytin
Dicodal
Dihydromorphinum (Dilamid)PHARMACOTHERAPY - ASTHMATIC BREATHING:Adrenalinum hydrochloricum
Antiasthmin
Asthma cigarettes
Asthmophysin
Atropina sulfuricum
Ephedrinum hydrochloricum
Morphinum hydrochloricum
Novphyllin
Papaverinum hydrochloricum
Sympatol (Vasoton)EXPECTORANTIAAntibiotica
Codeinum phosphoricum et
Lum
Eodierpin
Corazol-Dicodal
Dicodal
Dihydromorphinum (Dilamid)
Diolan
Ephedrinum hydrochloricum
Kresilol
Papaverinum hydrochloricum
Pertusol, Pulvis primulae opiatas
Sirasol
Sulfonamida
TussilolHAEMOSTATICA:Adrenalinum hydrochloricum
Calcium chloratum
Calcium gluconicum
*Corazol
Ergotin
Extr. gland. Parathyroideae
Natrium Citricum
Rutascorbin
Stypticin
Vitamin C
Vitamin K
Extr. Hepatis

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HORMONA ET ORGANOTHERAPEUTICA:

ACTH	*Hepagastrat	
Adrenalinum hydrochloricum	Hyalurin	
Antianemina	Insulin	50X1-HUM
Bichaeofoerrin	*Lipocain	
Certin	Ovaria siccata	
*Extr. gland. Parathyroidal	*Pitaherum	
*Extr. gland. Thyroidal	*Pituitrinum siccum	
Extr. Hepatis	Progyval	
Extr. Hepatis compositum	Prolastin	
Glandeklin	Testin	
*Glandula Mammaria Siccata		

HYPEROTICA:

Adalin	Barbital (Veronal)
*Bromisoval	Phenobarbital

HYPNOTICA:

Dihydroemorphinum	Phenobarbital-natrium
Scophedrin	

OSTEOPLASTICA:

Calcium C	Calcium D
Calcium gluconicum	Vitamin D

SEDATIVA:

Barbital	Bellergamin
Bellonal	Bromural
Calcium bromatum	Calcium-Brom-Isotabikum
Magnesium sulfuricum	Natrium bromatum
Phenobarbital-natrium	Sal bromatum
	Vitamin B'

SPASMLYTICA ET ANESTHETICA:

Amidophen	Dickon
Analgin	*Eupapamin
Atropinum sulfuricum	Morphinum hydrochloricum
*Bellarthesin	Sumpon
Calcium gluconicum	Papaverinum hydrochloricum
	et parum

VASODILATORIA:

Acidum nicotinicum	*Calcocin
Atropinum sulfuricum	*Calcocidin
Bellonal	Vasoton
Calcium-thiosulfat	*Vitalonin
Natrium nitratum	Vitabon
Endovanon	Papaverinum hydrochloricum

3. The above list has a "restricted" classification and is made available only to the Managers of Pharmacies. It is submitted because from a medicinal point of view it contains a number of apparent misstatements and also because it illustrates clearly how poor and inadequate is the production of the Medical Industry in Bulgaria. The items marked with an asterisk are either rarely or not at all available to the public.

4. Of the products listed under SPASMLYTICA ET ANESTHETICA the following are believed deserving of greater attention:

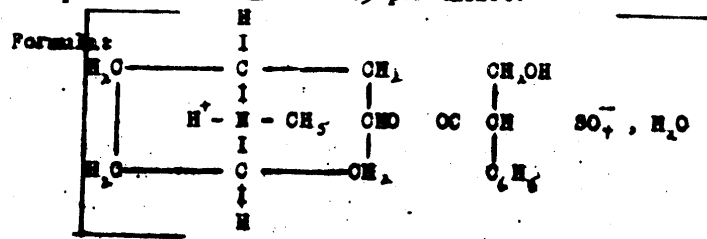
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Atropinum sulfuricum solutum (see solutio atropini sulfurici) 0.05% and 0.1% in ampules of 1 milligram.

Atropinum sulfuricum - 0.0005 per tablet.

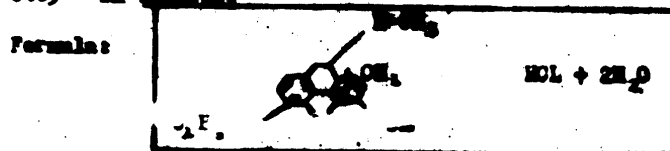


Atropine is available but in very limited quantities (to the public). Pharmacies are permitted to sell only three (3) ampules per prescription. If Atropine is included in the composition of a medicine and if the prescription needs to be refilled, the pharmacies require special authentication by the MD on each occasion.

The production (manufacture) of atropine is considerable but the bulk of the output goes to the Ministry of National Defense because atropine is an antidote to phosphoryl-organic matters (warfare gases). The medical department of the MND has at its disposal considerable quantities of atropine in one (1) milligram ampules for injections. The problem of training the men in the armed forces in self-administration of injections is under consideration but such training is not in effect yet.

- (b) Anesthesin: Connections: Extractum Belladonnae 0.01,
Seduxinum hydnocarpum 0.02, Anesthesinum 0.50 and
Butyrum cacao 1 gr. - in stypocitric.

- (c) Dilans (Dilan) Aethymorphinum hydrochloricum 0.01 and 0.05 - in tablets.



Diolan is "boosted" Codein and has all the properties of Brounol. It is a sedative for impaired breathing, gasping, coughing and pain.

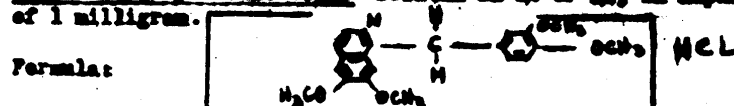
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Compositions: Eupaverinum 0.05, Atropinum sulfuricum 0.0001, Lavinatum 0.0075, Amidophosphor 0.075 - in suppositories for infants.

**Euphyrinum 0.003, Atropinum sulfuricum 0.0002,
Luminalum 0.003, Axiidophenum 0.25 - in tablets.**

The product combines the spasmolytic activities of Eupagerin (sic) and Atropine - a good spasmolytic with indications in all spastic conditions of the flat muscles;

- (c) Paraverinum hydrochloricum Solution in 1% or 2%, in ampules of 1 milligram.



Papaverine is an alkaloid of the isoquinoline group of opium. It has a specific effect on the flat muscles.